

Docket No. M-1096 US

**IN THE CLAIMS:**

What is claimed is:

5           1.   (Currently    Amended)    An    electronic    thermometer  
comprising:

an interchangeable, removable module having a temperature  
probe, said temperature probe having at least one thermistor  
adapted to be heated by a patient for generating a signal  
10 representative of the temperature of the patient, said removable  
module further having a memory storing predetermined calibration  
information specific to the at least one thermistor at the time  
of manufacture and for use by a portable temperature calculating  
unit, a temperature probe storage chamber and a probe cover  
15 storage chamber storing a supply of clean disposable covers  
corresponding to the temperature probe, wherein said memory  
stores calibration information; and

a the portable temperature calculating unit adapted for  
receiving the removable module and removably mating to said  
20 removable module, said temperature calculating unit being  
responsive to the predetermined calibration information for  
calibrating the at least one thermistor in the temperature probe  
of the removable module mated therewith and further responsive  
to the calibrated at least one thermistor signal for providing a  
25 measurement for the temperature of the patient.

          2.   (Canceled)

          3.   (Currently    Amended)    An    electronic    thermometer  
30 according to claim 1 wherein said memory is capable of